

ABSTRACT OF THE DISCLOSURE

A microcomputer including a plurality of peripheral circuits has a connecting circuit that permits the interconnection among those peripheral circuits to be controlled through execution of a program. This makes it possible to realize intelligent peripheral circuit functions, such as are associated rather with a special-purpose microcomputer than with a general-purpose microcomputer, without using special manufacturing techniques or processes or spending a long time as in the development of a special-purpose microcomputer.